

Serial No. 10/796,524

REMARKS/ARGUMENTS

This case has been carefully reviewed and analyzed, and reconsideration and favorable action is respectfully requested.

SPECIFICATION OBJECTION

The title of the specification was originally objected to because of some informalities.

Responsive to this, the title of the specification is corrected in accordance with the Examiner's instruction and suggestion, and it is believed that the objection should be removed.

CLAIM REJECTION UNDER 35 U.S.C. 102(b)

Claims 1-10 were originally rejected under 35 U.S.C. 102(e) as being anticipated by Lin (US-2002/0154527).

CLAIM REJECTION UNDER 35 U.S.C. 103(a)

Claims 1-10 were originally rejected under 35 U.S.C. 103(a) as being unpatentable over Lin in view of Tortola et al. (US-5,160,879).

Responsive to this, claim 1 is amended so as to make the claimed invention more distinguishably patentable over the prior art references cited by the Examiner. Applicant also submits the following comments.

The claimed invention discloses "a charger comprising: a main body and a cell chamber disposed in the main body, the main body having a charging electric circuit connected to three different types of input power terminals including an alternating current power source terminal, a direct current power source terminal, and a cell power source terminal, wherein the alternating current power source terminal, the direct current power source terminal and the cell power source terminal are integrated on the main body, each of the alternating current power source terminal, the direct current power source terminal and the cell power source terminal is provided on the main body and is connected to a corresponding terminal of the charging electric circuit of the main body independently and respectively" as disclosed in the amended claim 1.

With reference to the Lin reference, it disclosed a charger comprising an enclosure 1 with a regulation circuitry 21, a DC Circuitry 22, a control circuitry 23, a DC output circuitry 24 and a PCB 2 internally. The regulation circuitry 21 connects to an alternate current power source with an AC input plug 211. The DC Circuitry 22 has a DC charging input connector 223 connected to a battery 221 or a cigarette lighter 222.

Serial No. 10/796,524

In comparison, in the Lin reference, the battery 221 and the cigarette lighter 222 are externally connected to the enclosure 1, so that the battery 221 and the cigarette lighter 222 are not integrated on the enclosure 1.

Thus, the Lin reference does not teach "the alternating current power source terminal, the direct current power source terminal and the cell power source terminal are integrated on the main body" as disclosed in the amended claim 1 of the claimed invention.

In addition, in the Lin reference, the battery 221 and the cigarette lighter 222 are separated from the enclosure 1 and are commonly connected to the DC charging input connector 223 of the enclosure 1, so that the battery 221 and the cigarette lighter 222 are not connected to a corresponding terminal of the charging electric circuit of the enclosure 1 independently and respectively.

Thus, the Lin reference does not teach "each of the alternating current power source terminal, the direct current power source terminal and the cell power source terminal is provided on the main body and is connected to a corresponding terminal of the charging electric circuit of the main body independently and respectively" as disclosed in the amended claim 1 of the claimed invention.

With reference to the Tortola reference, it disclosed a power pack comprising a housing composed of a top 12 and a bottom 14, a two prong plug 20, and a DC outlet cable 16 having an outlet plug 18. The housing contains a battery-receiving means to receive a plurality of batteries 48.

In comparison, in the Tortola reference, the power pack does not have a direct current power source terminal, so that only the two prong plug 20 (the alternating current power source terminal) and the batteries 48 (the cell power source terminal) are integrated on the housing.

Thus, the Tortola reference does not teach "the alternating current power source terminal, the direct current power source terminal and the cell power source terminal are integrated on the main body" as disclosed in the amended claim 1 of the claimed invention.

In addition, in the Tortola reference, the power pack does not have a direct current power source terminal, so that only the two prong plug 20 (the alternating current power source terminal) and the batteries 48 (the cell power source terminal) are connected to the housing respectively.

Serial No. 10/796,524

Thus, the Tortola reference does not teach "each of the alternating current power source terminal, the direct current power source terminal and the cell power source terminal is provided on the main body and is connected to a corresponding terminal of the charging electric circuit of the main body independently and respectively" as disclosed in the amended claim 1 of the claimed invention.

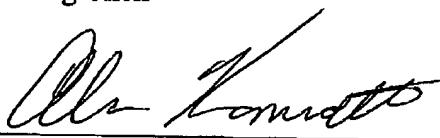
Accordingly, from the above mentioned descriptions, it is apparent that the claimed invention has disclosed a charger whose structure and function are quite different from and patentably distinguishable over that of the Lin reference. It is believed that the Lin reference, whether taken alone or in combination with the Tortola reference, does not provide the elements and objectives as are disclosed in the claimed invention, and cannot render obvious the claimed invention. Therefore, it is believed that, the rejections under 35 U.S.C. 102(e) and 103(a) should be withdrawn, and the claims 1-10 should be allowable.

In view of the foregoing amendments and remarks, Applicant submits that the application is now in a condition for allowance and such action is respectfully requested. If any points remain in issue, which the Examiner feels could best be resolved by either a personal or a telephone interview, he is urged to contact Applicant's attorney at the exchange listed below.

Respectfully submitted,

Chia-Shang Chen

Dated: July 17, 2006.

By 
Alan D. Kamrath
NIKOLAI & MERSEREAU, P.A.
Attorneys for Applicant
900 Second Avenue South, Suite 820
Minneapolis, MN 55402
Telephone: (612) 392-7306
Facsimile: (612) 349-6556